

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,072,411 B1
APPLICATION NO. : 10/004567
DATED : July 4, 2006
INVENTOR(S) : Dollard

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page, Item (57)

In line 3 of the abstract, kindly change "(FET)" to --(FFT)--.

In column 1, line 17, kindly change "does not operately" to --does not operate--.

In column 1, line 28, kindly change "of rewriting" to --of rewiring--.

In column 1, line 33, kindly change "business" to --businesses--.

In column 1, line 34, kindly change "business" to --businesses--.

In column 3, line 55, kindly change "invention herein" to --inventions herein--.

In column 3, line 64, kindly change "signal spectrum" to --signal spectrums--.

In column 4, line 60, kindly change "frequency domain as" to --frequency domain at--.

In column 4, line 62, kindly change "side spectrum" to --wide spectrum--.

In column 5, line 15, kindly change "knowledge than" to --knowledge that--.

In column 5, line 20, kindly change "used instead on" to --used instead of--.

In column 6, line 13, kindly change "centered amount" to --centered around--.

In column 6, line 20, kindly change "time sample" to --time samples--.

In column 6, line 21, kindly change "signal is then sampled" to --signal is sampled--.

In column 6, line 33, kindly change "transmission" to --transmitter--.

In column 6, line 43, kindly change "centered and around" to --centered around--.

In column 6, line 48, kindly change "prefix removed" to --prefix removal--.

In column 6, line 53, kindly change "output will" to --outputs will--.

In column 7, line 1, kindly change "128-pound" to --128-point--.

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In column 7, kindly change the formula starting after line 9, from

$$\begin{aligned} X_r(n) &= \left[\frac{R(n)}{2} + \frac{R(N-n)}{2} \right] + \cos\left(\frac{\pi n}{N}\right) \left[\frac{I(n)}{2} + \frac{I(N-n)}{2} \right] - \sin\left(\frac{\pi n}{N}\right) \left[\frac{R(n)}{2} - \frac{R(N-n)}{2} \right] \\ X_i(n) &= \left[\frac{I(n)}{2} + \frac{R(N-n)}{2} \right] - \sin\left(\frac{\pi n}{N}\right) \left[\frac{I(n)}{2} + \frac{I(N-n)}{2} \right] - \cos\left(\frac{\pi n}{N}\right) \left[\frac{R(n)}{2} - \frac{R(N-n)}{2} \right] \end{aligned}$$

$$n = 0, 1, \dots, N-1$$

to

$$\begin{aligned} X_r(n) &= \left[\frac{R(n)}{2} + \frac{R(N-n)}{2} \right] + \cos\left(\frac{\pi n}{N}\right) \left[\frac{I(n)}{2} + \frac{I(N-n)}{2} \right] - \sin\left(\frac{\pi n}{N}\right) \left[\frac{R(n)}{2} - \frac{R(N-n)}{2} \right] \\ X_i(n) &= \left[\frac{I(n)}{2} - \frac{R(N-n)}{2} \right] - \sin\left(\frac{\pi n}{N}\right) \left[\frac{I(n)}{2} + \frac{I(N-n)}{2} \right] - \cos\left(\frac{\pi n}{N}\right) \left[\frac{R(n)}{2} - \frac{R(N-n)}{2} \right] \end{aligned}$$

$$n = 0, 1, \dots, N-1$$

In column 7, line 26, kindly change "conjugate to the" to --conjugate of the--.

In column 7, line 32, kindly change "block 214 and 128" to --block 214 are 128--.

In column 7, line 33, kindly change "or an oversampled" to --of an oversampled--.

In column 7, line 41, kindly change "setting the group" to --selecting the group--.

In column 7, line 50, kindly change "digital signal process" to --digital signal processor--.

In column 8, line 32, kindly change "is outline" to --is outlined--.

In column 8, line 66, kindly change "2560+320+512+3392" to --2560+320+512=3392--.

In column 9, line 2, kindly change "signal an IF" to --signal at IF--.

In column 9, line 8, kindly change "40*80=320" to --4*80=320--.

In column 9, line 15, kindly change "52*=208" to --52*4=208--.

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In column 10, line 18, kindly change "complex values" to --complex valued--.

In column 10, line 22, kindly change "centered to an intermediate frequency (IF) as a baseband" --centered at an intermediate frequency (IF) as baseband--.

In column 10, line 30, kindly change "at values" to --of values--.

In column 10, line 50, kindly change "subchannels on" to --subchannels of--.

In column 10, line 54, kindly change "valued using" to --valued series using--.

In column 11, line 35, kindly change " $x(2k) = y_r(k)$, $x(2k+1) = y_r(k)$ " to -- $x(2k) = y_r(k)$, $x(2k+1) = y_r(k)$ --.


In column 11, line 37, kindly change "complete point" to --complex point--.

In column 14, line 10, kindly change "code converts" to --code that converts--.

In column 14, line 13, kindly change "including code for" to --including code for:--.

Signed and Sealed this

Seventh Day of November, 2006

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a distinct "D" at the end.

JON W. DUDAS
Director of the United States Patent and Trademark Office